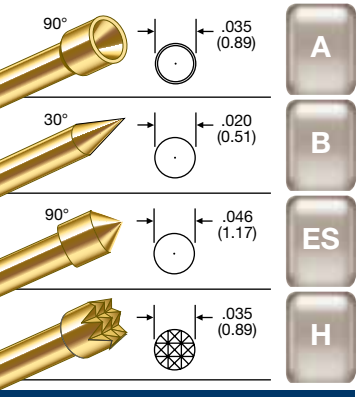
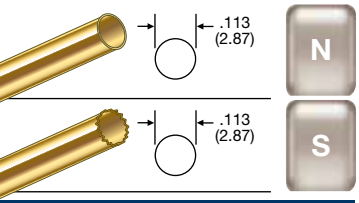
# Coax Probes Attached Cable

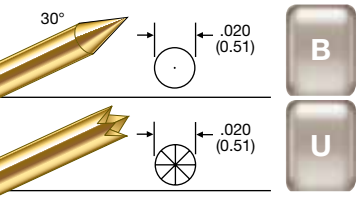
## 100445 & 100746 Signal Plungers



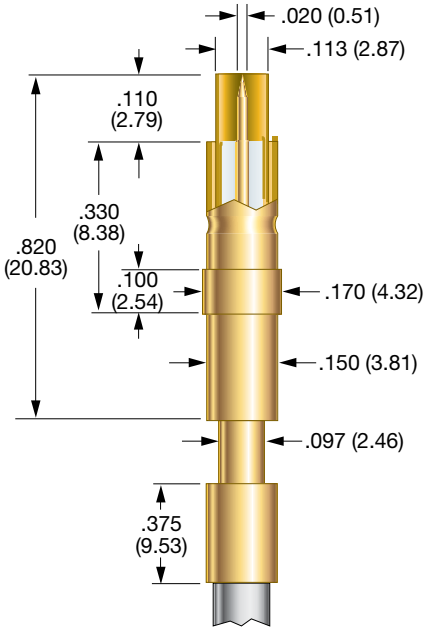

## 100445 & 100746 Shielding Plungers




## 100999 Plungers Tips




## 100445/100746




### Probe Specifications

**Minimum Centers:** .200 (5.08)
**Current Rating:** 3 amps continuous
**Spring Force:** Signal Conductor:
B Tip: 1.6 oz. @ .070 (1.78) travel
A, ES, H Tips: 2.0 oz. @ .070 (1.78) travel
Shielding Plunger: 4.3 oz. @ .070 (1.78) travel
**Nominal Impedance:** 50 Ω
**Maximum Travel:**
.090 (2.29) for tip B
.075 (1.91) for tips A, ES, H
**Working Travel:** .070 (1.78)

### Materials

**Barrel:** Brass, gold plated
**Spring:**
Signal Conductor: Beryllium copper, gold plated
Shielding Plunger: Stainless steel, gold plated
**Shielding Plunger:** Beryllium copper, gold plated
**Dielectric Insulator:** Teflon
**Shielding Tube:** Stainless steel, gold plated
**Signal Conductor:** Series S, Size 00 probe
**Crimp Ferrule:** Brass, gold plated
**Coaxial Cable:** 100445: RG 174U
100746: RG 316

### How to Order

| 100445 | B | F | N | 12 | AM |
|---|---|---|---|---|---|
| Base Part Number | Signal Probe Tip | Mounting Flange | Shielding Plunger | Cable Length | Termination |

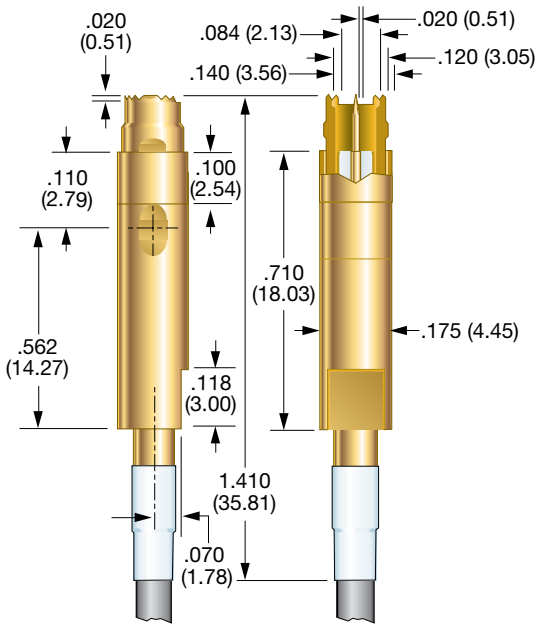
N: Without flange
F: With flange

**Shielding Plunger:**
**S:** Serrated
**N:** Flat

**Cable Length:**
**12** - 12 inches
**36** - 36 inches

**AM:** SMA Male
**AF:** SMA Female
**NC:** No Connector

## 100999




### Probe Specifications

**Minimum Centers:** .200 (5.08)
**Current Rating:** 3 amps continuous
**Spring Force:** Signal Conductor:
B Tip: 1.6 oz. @ .070 (1.78) travel
U Tip: 3.3 oz. @ .070 (1.78) travel
Shielding Plunger: 4.5 oz. @ .070 (1.78) travel
**Nominal Impedance:** 50 Ω
**Maximum Travel:** .090 (2.29)
**Working Travel:** .070 (1.78)

### Materials

**Barrel:** Brass, gold plated
**Spring:**
Signal Conductor: Beryllium copper, gold plated
Shielding Plunger: Stainless steel, gold plated
**Shielding Plunger:** Beryllium copper, gold plated
**Dielectric Insulator:** Teflon
**Shielding Tube:** Brass, gold plated
**Signal Conductor:** Series S, Size 00 probe
**Coaxial Cable:** Semi-flex or flex cable

### How to Order

| 100999 | B | 12 | AM | F |
|---|---|---|---|---|
| Base Part Number | Signal Probe Tip | Cable Length | Termination | Cable Type |

**Cable Length:**
**12** - 12 inches
**36** - 36 inches

**AM:** SMA Male
**AF:** SMA Female
**NC:** No Connector

**F:** Flex
**S:** Semi-Flex

* When ordering with a preattached connector, please note that the connector will not fit through the probe mounting hole. The probe must be inserted from the bottom side of the mounting plate.

Consult IDI for more information.

Specifications subject to change without notice. Dimensions in inches (millimeters)